

2004 Water Quality Assessment (Final) - Category 5 Listings for WRIA 31

WRIA	Listing ID	Category	98 List?	Waterbody Name Basis	Location Information				Parameter	Remarks	Medium
31	18512	5	N	COLUMBIA RIVER EVS Environmental Consultants (2000) show an excursion beyond the National Toxic Rule criterion from Channel Catfish composite of 8 fillet with skin collected in 1997 at station 8-C (River Mile 233.2) sample #97500957.	NN57SG	45120H3A5	45.705	120.355	4,4'-DDE		Tissue
	18513	5	N	COLUMBIA RIVER EVS Environmental Consultants (2000) show an excursion beyond the National Toxic Rule criterion from Channel Catfish composite of 9 fillet with skin collected in 1997 at station 8-B (River Mile 228.5) sample #97500956.	NN57SG	45120G4J5	45.695	120.455	4,4'-DDE		Tissue
	18621	5	N	COLUMBIA RIVER EVS Environmental Consultants (2000) show an excursion beyond the National Toxic Rule criterion from Channel Catfish composite of 8 fillet with skin collected in 1997 at station 8-C (River Mile 233.2) sample #97500957.	NN57SG	45120H3A5	45.705	120.355	Chlordane		Tissue
	18622	5	N	COLUMBIA RIVER EVS Environmental Consultants (2000) show an excursion beyond the National Toxic Rule criterion from Channel Catfish composite of 9 fillet with skin collected in 1997 at station 8-B (River Mile 228.5) sample #97500956.	NN57SG	45120G4J5	45.695	120.455	Chlordane		Tissue
	6299	5	Y	COLUMBIA RIVER U.S. Army Corp of Engineers (2001) station MCQW (McNary Washington Forebay) show 58 days exceeding the numeric criterion (20 deg.C) during 2000.	NN57SG	45119J2D9	45.935	119.295	Temperature	Same location as U.S. Army Corp of Engineers North Division station MCN-N. EPA has the lead in a TMDL for the Columbia and Snake Rivers that is underway.	Water
	6300	5	N	COLUMBIA RIVER U.S. Army Corp of Engineers (2001) station MCPW (McNary Tailwater) shows 45 days exceeding the numeric criterion (20 deg. C) in 2000.	NN57SG	45119J3D0	45.935	119.305	Temperature	Same location as U.S. Army Corp of Engineers Station MCNTW. EPA has the lead in a Temperature TMDL for the Columbia and Snake Rivers that is underway.	Water
	7964	5	Y	COLUMBIA RIVER Tanner, et al. 1996. , 56 excursions beyond the criterion out of 170 samples (33%) at the John Day Dam Forebay in 1996.; U.S. Army Corp of Engineers (2001) station JDA (John Day Forebay) shows 60 day exceeding the criterion in 2000.	NN57SG	45120H6B8	45.715	120.685	Temperature	EPA has the lead in a Temperature TMDL for the Columbia and Snake Rivers that is underway.	Water
	11094	5	N	COLUMBIA RIVER Hallock (2001) Dept. of Ecology Ambient Monitoring Station 31A070 (COLUMBIA RIVER AT UMATILLA) shows 3 excursions beyond the criterion out of 61 samples collected between 1993 - 2001 measured on these dates: 94/08/08, 95/09/11, 97/08/13,	NN57SG	45119J3D2	45.935	119.325	Temperature	EPA has the lead in a Temperature TMDL for the Columbia and Snake Rivers that is underway.	Water

WRIA	Listing ID	Category	98 List?	Waterbody Name	Location Information				Parameter	Medium	Remarks
31	21541	5	N	COLUMBIA RIVER	NN57SG	46118A9G4	46.065	118.945	Temperature	Water	
				Continuous monitoring data from a study by Parametrix (2002 and 2004) indicates exceedances of the numeric temperature criteria of 20°C at RM 318.5 in 2002 and 2003.							Northwest Pulp and Paper Association presented rationale a two year study performed by Parametrix (12/16/02 and 3/15/04) that temperatures higher than the 20°C numeric criteria are a natural condition and the segment meets the state water quality standard for temperature. Ecology required pulp mills on the Columbia and White/Stuck River to perform a two-year ambient water temperature monitoring study in accordance with Ecologys WQP 1-11 and quality assurance requirements. Ecology reviewed this study and associated listing in 2003 for natural conditions, but has not yet made a determination of natural conditions for these rivers. EPA has the lead in a Temperature TMDL for the Columbia and Snake Rivers that is underway that may address this issue. The Parametrix study measured temperature data upstream and downstream of pulp mills along the rivers and found the mills did not have a measurable effect on temperatures (the associated discharges do not exceed 0.3 degrees). This study will be valuable for verifying that pulp mills do not contribute a significant increase in temperature when load allocations are being considered in the TMDL.

WRIA	Listing ID	Category	98 List?	Waterbody Name	Location Information				Parameter	Medium	Remarks
				Basis							
31	21542	5	N	COLUMBIA RIVER	NN57SG	46118A9E5	46.045	118.955	Temperature	Water	
and	Continuous monitoring data from a study by Parametrix (2002 and 2004) indicates exceedances of the numeric temperature criteria of 20°C at RM 313.4 in 2002										Northwest Pulp and Paper Association presented rationale
	and 2003.										a two year study performed by Parametrix (12/16/02 and 3/15/04) that temperatures higher than the 20°C numeric criteria are a natural condition and the segment meets the state water quality standard for temperature. Ecology required pulp mills on the Columbia and White/Stuck River to perform a two-year ambient water temperature monitoring study in accordance with Ecologys WQP 1-11 and quality assurance requirements. Ecology reviewed this study and
the											
											associated listing in 2003 for natural conditions, but has not yet made a determination of natural conditions for these rivers. EPA has the lead in a Temperature TMDL for the Columbia and Snake Rivers that is underway that may address this issue. The Parametrix study measured temperature data upstream and downstream of pulp mills along the rivers and found the mills did not have a measurable effect on temperatures (the associated discharges do not exceed 0.3 degrees). This study will be valuable for verifying that pulp mills do not contribute a significant increase in temperature when load allocations are being considered in the TMDL.
31	18801	5	N	COLUMBIA RIVER	NN57SG	45120H3A5	45.705	120.355	Total PCBs	Tissue	
EVS Environmental Consultants (2000) show an excursion beyond the National Toxic Rule criterion from Channel Catfish composite of 8 fillet with skin collected in 1997 at station 8-C (River Mile 233.2) sample #97500957.											
31	18802	5	N	COLUMBIA RIVER	NN57SG	45120G4J5	45.695	120.455	Total PCBs	Tissue	
EVS Environmental Consultants (2000) show an excursion beyond the National Toxic Rule criterion from Channel Catfish composite of 9 fillet with skin collected in 1997 at station 8-B (River Mile 228.5) sample #97500956.											
31	7967	5	N	ROCK CREEK	NF41CH	0	05N	17E	13	Temperature	Water
probably	Mattews, 1992. shows 7-day means of daily maximums of 23.7 during 1990 and 1991.										Changed from Category 4B to Category 5 on 3/24/05 because Ecology has not been able to confirm the results of implementation of items contained within the MOU. When further information becomes available, this listing will
											become a Category 1 or 2 based upon that data. -kk
											This listing was taken off the 303(d) list in the 1996 assessment based on the approved Memorandum of Agreement dated 7/9/96 between Ecology and the Eastern Klickitat Conservation District.

